FALL CALVES.

Many of the best cows are now bred to drop their calves in the fall, and there is a general belief among farmers partly underground is best; this need not be the case. With plenty of the at milk warmth, a fall calf can be got through its first winter more easily than one dropped last' spring, and which is expected to live on coarse feed. The full calf can usually be bred at an earlier age, and this will increase its value for dairy purposes. - American Cultivator.

LIBERAL STRAW BEDDING.

The farmer who raises wheat or oats or two largely, and has not stables fitted with manure gutters and reservoirs, will do well to use straw liberally for bedding. If enough is used, it will absorb nearly all the liquid manure. The liquid manure will hasten the decompos tion of the straw more rapidle, converting it into a valuable fertilizer. Without the straw or some similar substance, the decomposition of the liquid manure is so rapid as to be slostructive, and a part of its value is best. Straw is a very imperfect conductor of heat, bence, when it is used liberally for bedding, much less food is consumed in the production of animal heat, and the animals are healthier and thriftier --American Agriculturist.

WIRE PENCES.

One of the nestest and most durable fences that can be made as a woven- ure. wire neiting. The meshes should be sufficiently close together to keep out chickens, 2x4 is small exough for all practical purposes. Walle the netting alone will make a very complete fence, it can be improved by putting a six inch fencing plank at the bottom, and stretching the bottom wire just above Care should be taken to stretch the selvage wire tight, and the staples well. If the garlen is located where the fence must keep out horses or ment maker in winter than wear and a gostion and assimilation, and a a ken cattle, it can be made more effective by tear do ne common r. stretching a barb wire six inches above the top of either the netting or the Either of these makes a better garden fence than either plank or rails, while, if the work is carefully done, it will be much more effective. - Poster

WINTER PROTECTION FOR GRAPES

It occasionally happens that an ex-Cceptionally cold winter brings the subject of winter protection very forcibly to the nature of all who grow grapes. Even the hardiest grapes are whilst on the other hand there are draw and spread minure where it is to kept within proper bounds, gently ex seasons so mill that grape vines pass through them equally well without protection, yet the most profess course to persistently and regularly protect them during winter. To do this in the best and earliest way, prune in the fall and lay the cases upon the ground covering them with earth to the depth of three inches. This will afford sufficient protection to even the tenderest varieties. The hardier sorts often receive all the protection necessary by simply being faid upon the greered, but a slight covering renders it more cortain and is very little trouble. At the north the snow provides this and is better than any covering we may disvise, - Orchard and Gorden.

The temperature of water for horses is not so much an object as the purity of it. White it is best to have it e ol, it is more important to have it free from all impurities. All river water rome are wanted before an invention comber of deaths in Lordon from 17.8 vantage is found from its filteration and the addition of a lattle sulphur. the addition of a little sulphur.

As easily made filter it as \$1,000,000, notwithstanding the fact. He further observes that "rains is by follows: Over each trough a that his patent had nearly expired bes nature a field an mai, and seams desertion bought the whole of the Gunt barrel is arranged to receive the foreits value was no realized. water, which is made to flow through the barrel screw has prothe barrel to the watering trough. Full decolorer wealth than some saver in, teaming his ball to refuse exercise interest connected with the place is ground charcont, over which springle a thought of putting copper tips on cast to make a plain, homely report only charcoal place some brush, and on this place clean gravel until the barrel is half full, or a little more, with the filtering material. This first will last for by the inventor of the common needle him also an easy victim to folly and threader. To the foregoing might be capture. "Finker Reads. horses love to drink and by the use of which they are kept in first rate health, without colles or other sickness. In the country, pure spring or well water, always filtered, should be provided .-Horse and Stable.

BAISE YOUR OWN COMS

A half doz a good cows are worth a dozen poor ones. It takes as much food and care to keep a poor cow as it does a good one, and while the former barely returns enough at most to "pay her way," the latter returns a comfortable profit to her owner. Those farmers who are looking around for really good cows know how difficult it is to buy one, when found, at a price they can keep "looking aroun!" for several years, when they might, in the same themselves. Of course it takes time to rear a good-sized herd of profitable cows, but this expect ture of time is only in lieu of the mancy ex- meat. Small bits are a necessity but if I was selling to a man who penditure absolutely necessary to purchase a desirable animal. As a farmer the result is that most of the Chinese many to purchase a desirable animal. As a farmer mustly can space the time better than he can space the cash, it is easy to see fine.

In meat. Similibits are a necessity but if I was selling to a man who penditure his cown in the read and his page in his neighbor a corn. I marked the rever reach the result is that most of the Chinese listened as the circular side and scoop listened as a little to boot."—Wall Street News.

There are but few farmers who do no now have at least one, two or three cows fairly good, which can be used as Some a start in improvement. Do not use a scrub bull morely because your neigh that fa'l calves are hard to rear. If a bor happens to have him and charges warm stab c is provided, one wholly or nothing, but rather pay a fair price for a rood, pure-bred one. Save all the heifer calves and carefully raise right kind of feed, and care in giving it them. When they are about three years old, and less than four years from the time the improvement is starte I, you will have fine young cows. Other calves will also be coming on, from them as well as from the original cows, and in five or six years there will be gite a herd; the common, unprofitable cows having been or six years ago. He does not think that he will likely say the same thing five or six years hence, yet does not that the use of one can usually be secured without much difficulty, while a good buller f can be had from and stock, eligible to entry, for a com- bifer-being swallowel, and a variety paratively low price. Faough can, as a of dishes ought not to be eaten at the

> PARM AND GARDES NOTES Feed park the most flesh on young

animals can lies them.

and cold air is not a proficable struc-

Every animal must smak for itself. offspring.

The coming farmer will frust less to his eye and more to foot to'cs and pound-weights. The value of ped gree is not in its

ing for off pring. Rust sed not do more for the imple-

The secrets of large yields always

and thorough tillage.

and pays homself for so doing. A few fawls well exced for her more

profits to then a large number neg good he lith wall long life. legged. Thus has been full relem natrated A farm a who has no neighbors with

pass on the neighbors. Unless your ground is very rolling work and saver measure.

Nature is fend of balancing though When the given a big cases of host it is affections, such as grief, four and found it is became in feeding value at despair, product the opposite off or," compared with the short crop of a dry

A good crap of both corn and weals cannot be grown on the same ground at and affections of the min (1 of of which the same time, ony more than two railwas trains can poss each other on the

Profits of Ingenuity.

The rubber tip at the end of lead pencils has yielded \$100,000 in England; Axinggenous in war over obtained for any invention may so and by the inventor of the inverted gives bell to destructive to the human species, and from being blackened, and a scarcely than constrabilization all the boasted the literative parent was that for sim- privileges of superior elegance soil ply putting on my powder on cloth,

is appreciated, but it will be seen that to 1738 amounted to 750,392, and that patience is well rewarful, furthe me-

mines, and the American who first and the inclemency of the seasons, and dren's shoes is as well off as it his when langer distance. But are has marked that he intended to preserve

added thousands of triffing but useful articles from which hand one incomes are derived or for which large sums. About the time that Daniel Drew have been paid.

a long time in every toy a cost window proposed to measure it in a half touchet, The Incentor.

The Champion Pork Enters.

The Carrier, says Frank Cirpenter, only a bushel," he answered. are the greatest park eaters of the world. The pigs are the scavingers of the city, and they root their way into every quarter, and turn up the ground and wallow in the mire on the very should probably use half the head of a afford to pay. Yet they frequently edge of the emperor's palace in Pekin. flour barrel." You see pigs for sale in every market, "Which sitge of it?" and the surking pig is the piece da retime, have raised several choice cows sistance at every feast. It is never now decide on," sighed the old mon. eaten in the roast, however, but is off I was selling to a widow or a ashed as taken bis and stewed, and preacher I am certain that I should this is the case with all the Chimess sweep the mea use with a straight edge,

# what is the best course to pursue. HOW TO LIVE LONG.

of the Principal Indications of Longevity.

Habits and Conditions Which Tend to Lengthen Life.

A physician who issued a work on the sulject of longevity, early in the present century, stated "that it would appear that the principal natural indica. tions of a long life are: to be descend ed, at least by one side, from longtived parents; to be of a culm, con tented, and cheerful disposition; to have a just symmetry or proper conforworked off to the butcher. Many a formed joints and limb, with a neck mation of para, a ful chest, wellfarmer wishes he had commenced five and head large rather than small in proportion to the exe of the bods, and to be a lone and sound sleeper." In the course of his facts, he informs us that commence now. Good, pure bred bulls | wiche stemach ought never to be over have now become so well distributed, loaded with fold, but that exercise, food, drink, sleep, etc., should be t ken in moderation.

"All food should be duly marticated tive, be counted on from neighboring same time. Extremes of heat and cold, farmers' herds to pay for his keep - with respect to feed, drink, and air, are equally to be granted against. Steep ought not to continue less than six hours, nor exceed eight."

Another writer states that, "exercise intributes to the preservation of human Keep pieces of chalk where the young tife, it invigorates our faculties; it dissipates all the superfluous humors of a The shelter that shars out both pure pletheric habit, it is a gain of time, the enemy of alleness, the duty of the county and the delight of the aged."

Professor Bufeland says, "peace of and only its pedigree can speak for its mon), cheerfulue's and contentment are the femulation of all happiness, all health and long life. Certain habits and dispositions of mind, such as me ancholy, ours, deposition, fear, anxiety, faint-beartedness, and, in particular, avaries and hatred, which are vouching for an estry, but in its vouch hostile to life, claim a distinguished rank among those means which tend to shorter it." These are said to destroy the vigor of the heart.

So We ham Temple was of opinion, and everywhere are rich self, good well. "That great temperance; open air; easy, labor: little care; simplicity of di t, The farmer who makes his own post to her fruits and plant; than flesh; and and beaut pure another bond on hearth water, which preserves the indical moreture we next too much increasing

10 Pallergill, who treated the subject in an accommuner a century age, observe that the due regulation of in half a mile can profitably here a the past as contributes, pyriaga more longerity. The an mating passions, suchas jay, hope, tive, etc., when be used as soon as small. This sayes extends nervous influence, pointed an soughts electrician, and are blobby conducibe to health, while the d present

Long life, in his opinion, is topondenon, "his and c ima e, meat and drink, motion and rest, sleep and wetching ought to be minuted to the age, tem personnt, and you timition. Presh air more more database re-except to bethan book. The claim dist and inviews ating compleyment of a country life are highly conducted to health and longestles where the uxury and remoment of force circo are allowed to be courily hang over gat to protect the ceilings this consideration alone, postage, more rivillation resulting from a city life," Proposity time and circumstances to support of this, he wated that with in all this prodigious number only 242

of nature, and by enclaving him to all Upward of \$10,000 a year was made the idandishments of sense has left

"Scoop a Little to Boot."

began his Wall street career he was up Few inventions par better than pape in the country one time to visit some ular parented to s. A clergyman real, friends and two farmers called upon ized \$2,000 a week by the invention of him to decide a case. One had sold a strange little plaything to be seen for the other five blabels of wheat, and and even in the streets of London .- and sweep the top of a measure with a stick. The other objicted, and Uncle Daniel was noked to decide.

> "Well, legally speaking, a bushel in "An I can the measure be swept off?"

"I think it can." 4 W. a. with Pa

"Well, if I was selling wheat I

"Gent emen, that is a point I cannot

## QUAINT AND CURIOUS.

Farmer Hudson of Templeton, Car. has grown a beet that is seven feet long and weight 154 pounds.

One of the customs established in the little hamlet of Georgetown, Me., is an annual reunion of all the aged people in town.

A West Union, West Virginia, man set fifteen snares in his garden, and the first night caught thirteen rabbits and two opossums.

A petrified apple at Harrington, Me., was discovered by small boys; the stem and fruit were very lifelike; all the "color of ma ble.

Welves have been howling grue ome ly o' nights, killing stray cattle and otherwise making a nulsance of themselves around San Pedro Bay, F.a. A man in Minneapolis has satisfied

himself that the great-grandmother of

J-fferson Davis was a sister of the

great-grandfather of President Harrison A lately married 11-16a t. Me., couple cannot be accused of leasts action. They were multi heal and the certificate was sweed a year ago, but the knot was not

tied until a year afterwards.

A Helicew Bible in the postersion of the Vot can, for which \$100,000 was once offered by the Hebrews of Venice. is said to be the dearest, if not the most valuable, book in the known world,

The most fertile land in Europe is a district to Russia Iving between the Carpathians and the Urals. Corn has been grown on some of this land for seventy years without an application of manure

An Pun ishman has hanght the conlents of the royal castle of Nuremberg, containing the most complete collection \$30,000 in a l. There is a library of S 000 volumes, giving the history of crime and tarture for many centuries.

A lady's hand was discovered in a hast bin in a fashionable part of West London, and caused a sensation. It transpired, however, that it was the hand of a mummy dating back to the time of the Poursohs, which a careless servant had knocked off white dusting

The pension department at Washing ton has upon its rolls the names of twepty-seven widows of revolutionary soldiers who have been regularly paid up to the present time. Three of them are nucty-seven years of age and two the radical heat,"-were conductive to minety-six. The youngest is seventy-

The letters of the alphabet, it ap pears, may be transposed 623, 448 101,. 733 233 433 330,000 times. All the inhabitants of the globs, on a rough flock of geers. there are implied to from them and other cause, to health and calculation, could not in a thousand millions of years, write out all the transpositions of the letters, even supposing that each wrote forty pages dully, each of which pages contained forcy different transpositions of the

The other day at Jackson, Mich., a dog chare I a mouse, and the frightened little animal ran up a telegraph pole and then started out on a wire for the next note, 160 feet distant. The wire owing early in the foreign, but the trending traveler hung on an I revoked the next station in whom an hour. He derend d the pois, and when reached the base he was so tited that he allowed himself to be picked up by a apriculor.

General Grant's Log Cabin. Among the due Is recently file I in Louis county there is one from L H. Coun to Henry J. Weber, the nurser, t man, converging to h m 121 acres of land be my part of the 160 acre tract his beids, nor Miss Julia Dent, where they aved in a log cubin which J.ff. Sappington, C. D. Welff, P. S. Lanham not other noighbors of the old commander help of him to "ruise" mod to rise with the sun, and its spend property, containing 72 t acres, at \$87 interest connected with the place is mainly what stimulated him to purchase Since then he has frequently refather had left him \$2,000,000 in studiously defeated the kind intentions | every relic of the bold commander" that there was to be found anywhere upon the property, and his deed to Mr. We ber indicates his intention of carry, ing out that id a, for it is especially stipulated that the grantor shall have the right to remove the birtle o'd legcable 'at my time within two years from the date of sale, -- St. Louis Post Donatek.

A Remarkable Storm.

Advices from Australia bring an accourt of a remarkable storm at Louth. The thermomer was at 100 degrees in the shade, and a wind, accompanied by rain and hall, swept over the town Hill stones as large as encket balls coashed through all the windows. Mcrehants as fired severe lot es by the drenching of streks. Nearly every bit of sheet iron in Matchaws Hell, just completed, was perforated by chunks of ice, and the Court House, the Royal Hall and the Telegraph Hotel and other buildings covered with iron roofs were punctured with holes. A number of dogs and other small animals were also killed, and eardens were stripped of every vestige of shin chery. Several hou es were unreofed by the win I. In thirty minutes five inches of rain fell, The river rose three feet, and hall stones were pied us twelve inches high on The Minister's Rus.

The collection box in a certain Scotch church was found empty. The minis-ter thereupon joined Tam, the kirk officer, in his homeward walk after serofficer, in his homeward walk after service, and lamented to him that he would have to do a thing he did rollike, which was "just to raise the deevil, and he'll come to the man that took that money, either in a wind that'll no leave him leaf nor sheaf, or wi's rope to hang him over his own door. The kirk officer made no reply. The next night the minister sent a man over to Tam's barn to hang a rope with noose at the end of it on th Tam came down to thresh; but, seeing Take came down to thresh; but, seeing the moses and his own shadow on the wall, he rushed back to bed and re-mained there till daylight. When he returned the rope was gone. He was shortly afterward seen proceeding to the kirk; and when the box was opened next Sabbath every missing penny wafound in-ide.

#### A Business Man's Mistake

Stranger (who has yelled himself hearse over Jinks' telephone without getting any reply). See here, I can't do anything with this telephone.

Jinks with an air of impressed - Did you wish to speak to any one, sir?
"Certainly."
"Oh! It has been disconnected for

"Disconnected? You didn't saything about it." about a month

"I thought everybody knew we had disconnected our telephone on account of the bores. I didn't know you wished to talk to any one, sir. I supposed you merely desired to exercise your lungs."—New York Work's.

A race man of honor feels humbled himself when owing to circumstances beyond his control, he cannot help humbling others.

When the summer's rose has faird.
What shall make it fair argula?
When the face with paints shaded.
What shall drive a say the paint.
Never shall a bless on brighten.
After blighted by the troot.
But the load of pain may lighten.
And we need not come as best
all the pleasure of the other has been
all the pleasure of the other has been
all the present of the sales in the welfmere, upon them the happiness of her
large, upon them the happiness of her
large, upon the new the happiness of her
large, upon the new the happiness of her
large, the present of the other happiness of her
large of the present of the other happiness of the other happiness of the present of the other happiness of the other happiness

For Miliousne's sick head whe, indirection and constitution, tak Dr. Pierce's Petiers. The raining throute A good unitrolla

Catarrh Cau't be Cared

Catarrh Gai't be Cared With Local APPLICATIONS, by they cannot reach the seat of the disease. Catarrh is a bosed or constitutional disease, and in order to citre if you have by take internal remides. Hall's tratarrh time is take internal remides. Hall's tratarrh time is take internal remides. Hall's Catarrh time is on graph in high cine. It was presented by one of the test physicians in this country for years, and so a physician in this country for years, and so a best lenter known, combined with the hard blood purifies, acting directly on the macrosserfaces. The jettlet is unbination of the two ingredients what produces not wonderful results in curring catarrh. Send for festimolicals for.

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entitled to the lest that their money will buy, so every family should have, at ones a bottle of the best family remedy, Strup of Figs, to elegans the system when costive or hiltous. For sale in 100 and \$1 bettles by all leading druggless.

Has no redr. sa The man with but one so t

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A fusinessen, as ment S curing the mat-

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Itafflicted with sore eyes use Delease Thompson , Eve Water, Droppints sell at the per bottle One often hears of a skipping tope, but no-Ask your deal r for ""ansili's Punch."

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For 26 Years.

I suffered with those the matter 2 that I suffered with those renomation in my knees and makes for twenty years and had in secretary. I was tracellatines by several doctors, but was finally cured by 26 Jacobs (Bare had to State of part in three years). THE CHARLES A. VOGELER CO., Battimore, Md.

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CURE CONTROL
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