#### to Produce Beef in the Cheapest Manner

## AGRICULTURE.

Carefully conducted experiments for several years past have enabled cattle respondent. I would have but one book, feeders to prove that beef of good qual- and that one ruled after the form of ity can be most cheaply produced by the merchant's cash book, and keep it giving their animals, from birth up to very much in the same manner, i. e., slaughter, all such suitable food as on the left hand page I would enter they will daily eat and digest well. Steers of the most improved breeds may be made by this method, as a genaccount was running. eral rule, to weigh from 1,000 to 1,500 nounds at eighteen to twenty months of age, and extra choice at the same age exceed these weights by several hundred pounds. In pushing animals ones bought and repairs made. On up to, or near maturity in this rapid manner, in order to obtain the best quality of flesh, they must have sufficient exercise in the open air, and be exposed to the healthful influence of sunshine as much as possible. There is nothing equal to good old grass pasture to obtain all this, and the longer the steers can be kept out upon it the more advantageous it will be to them. Many feeders provide cornfields for their steers to run in during winter, contending that they are nearly an out this knowledge how could I intelequivalent to the grass pastures of summer. If a strip of torest, with a future? 1 might have an opinion as soil sufficiently porous to absorb the rain as fast as it falls is near by for the cattle to shelter themselves at night and in stormy weather, they my sheep, holding separate accounts with different breeds, if I had such; will do better often than in yards or with my dairy cattle, my stock cattle, stables. The fallen leaves of torest my working cattle, my horses and trees make one of the warmest and horse teams, my hogs, my poultry, etc. best of beds, and cattle enjoying the Each. of these accounts will show its benefits of these come out in the spring gains or losses from which I can decide the future management. At the like the deer, elk and other wild ani end of the year 1 would be placed on mals, in excellent health, well-fleshed the right hand or Cr. side of the farm thrifty and with the finest and smoothaccount a fair valuation of my farm est of coats. I have never seen doand all farm implements, balance up mestic animals in the Western States all my field and cattle accounts, carry show superior condition in the spring the balances to my farm account. which would then show me whether I to those which were thus wintered. was worth less or more than at the Their beef, also, when slaughtered, commencement of the year, and just proves, after all this exposure and exwhere the loss was sustained or profit ercise, nicer and more evenly marbled made; i. e., which field or department with a grater percentage of tender, of my taim had been the most prefitjuicy lean, which alone is what the able to me, and which the least. The farmer needs not to have scales to asconsumer wants, and not gross fat certain actual weights. His estimates which often abounds to an excess in are good enough, only be sure and esthe stall-fed, unexercised, sun-shaded timate against yourself, and then the animal. That fattened in the open air result will happily disappoint you, in is not only the juiclest and highest fla- at all. vored, but, pound for pound, it proves

As TO MILK .- A "milk rou e" is not the most nourishing and consequently so valuable a possession as it used to be, the most economical both for the prcowing to various causes. We have ducer and consumer. The production known of a milk route in Lowell being thus gives high satisfaction and besold as high as \$3000, and the purchase comes a pleasure to all concerned. consisted mainly of "good will," the

material property bought being actu-This pushing for early maturity is ally worth less than one-sixth of the undoubtedly best where the soil is whole amount. But now-1-days manrich and grass and grain consequently utactured milk has so cheapened the abundant. But on poor lands, and value of a route for a genuine milk seller, that he can afford to pay but rub the flour off, and the tin will shine especially when stony and hilly, later little for the good will of customers as well as if half an hour hal been maturity is found about as profitable, who may at any time be induced to spent in rubbing them with brick dust and if the cattle are of a right sort the leave him for a cut down in price. A or powder. Another good thing for flesh gets a better chance to fully milk seller may set up a business in. brightening tinware is common soda. ripen, and upon the whole is perhaps volving the sale of 300 quarts of milk a Dampen a cloth and dip in soda and of a superior quality. On such lands day, by investing from \$300 to \$500 be- rub the ware briskly, after which wipe

DOMESTIC. PAINTED LADIES. -Remove the eves THE SIMPLEST FARM BOOKKEEPING. and stalks from some nice round-look--For an ordinary farm writes a corpeel them very evenly to preserve their shape. Place them in a shallow stewpan large enough to hold them in one layer. Dissolve loaf sugar in sufficient water to completely cover the all the debits, and on the right hand apples, allowing four ounces of sugar page all the credits. From these two to each pint of water; add a few cloyes pages a balance could be obtained at and a little lemon peel and stick cinany time I desired to know how the namon. Cover the stewpan, and simmer the apples very gently, or they The first account I would open would will break before being cooked thobe the farm. On the left hand page I would enter the present cash valuation roughly. When done, and they are cool enough, lift them carefully to a of my farm implements, and all new glass dish, and with a small brush tint / them delicately on one side with a litthe right hand page I would enter the tle liquid cochineal or melted red curamount received for any implements rant jelly; strain the syrup, return it sold or returned, etc. Next I would to the stewpan, and boil it rapidly have a name or number for each field on my farm and give it the same space | until reduced to one-third of a pint. When cold stir to it a wine glass of in my book. On the left enter what I sherry and the juice of half a lemon, consider fair price for labor done, cost of all fertilizers put on that field, and and pour it round but not over the apall seed put on same. On the right ples. The wine may be omitted. hand page the cash value of all that the field produced. The balance at the THE following hints concerning the end of the year would show me the use of tea may prove useful: 1. Whosoever uses tea should do so in great prefit or loss on that field. And from moderation. 2. It should form a part the amount of this loss or gain I would know what next to do with it. Withof the meal, but never be taken before eating, between meals, or on an empty ligently cultivate this field in the stomach, as is too frequently done. 3. The best time to take tea is atter a to what profit I had, but such opinion hearty meal. 4, Those who suffer with weak nerves never take it at all. would be far too unreliable to base any future operations on. In like manner 5. Those who are troubled with inwould treat every field on my farm; ability to sleep at nights should not use tea, or if they do, take it in the morn-

# HUMOROUS.

A DOCTOR in Scotland made a nerve and bone all-healing salve, and the throat. Double a towel two or ing apples that will cook well, and thought he would experiment a little with it. He at first cut off his dog's tail, and applied some of the salve to over the throat, and let it extend the stump. A new tail grew out im-mediately. He then applied some to thickly-folded towel over the wet pad, the tail which he had cut off, and a new dog grew out. He did not know which dog was which.

> ENTER JONES, the magnificent, with stranger-"A little surprise for you, Mrs. J! Let me introduce Mr. Wiggins, whom I have persuaded to take his chance and come and try pot-luck with us. And I hope you wen't starve him, hey, my love?" Mrs. Jones; "There's no fear of that, Mr. Wiggins; I got my husband's telegram in time." fableau, with green fire.

#### [Worcester (Mass.) Spy ] Nothing on Earth so Good.

Certainly a strong opinion, said one of our reporters to whom the following was detailed by Mr. Henry Kaschop, with Mr. Geo. E. Miller, 418 Main St., this city : I suffered so badly grandmother's stocking filled with with rheumatism in my leg last winashes. ter, that I was unable to attend to my

work, being completely helpless. I heard of S. Jacob's Oil and bought a bottle, after using which I felt greatly relieved. With the use of the second bottle I was completly cured. In my estimation there is nothing on earth so good for rheumatism as Sc.

Jacob's Ott. It acts like a charm

A COUNTRY girl at a fashionable hotel in New York noticed that all the guests used their forks only in eating their pie. Upon her return home she reported the fact to the old lady, who comforted her by observing, "You shouldn't mind 'em, Jemima; it's all because they're too lazy to use their knives.'

"DID I not give you a flogging the other day ?" said a schoolmaster to a trembling boy. "Yes, sir," answered the boy. "Well, what do the Scriptures say upon the subject?" "I don't know sir," said the boy, "except it is in that pa-sage which says 'it is more

blessed to give than to receive." "

Sept. 18, 1878.

the system.

Aug. 22, 1878.

Sept. 10, 1873.

"I LIKE to see the dear little creatures amusing themselves," said Mrs. Brown when her elder boy took the visitor's new bonnet and affixed it to will be wise, well and happy, and save the tail of his kite. "Never fear," said for this, the great, wise and good will tell you, is Hop Bitters-relv on it.

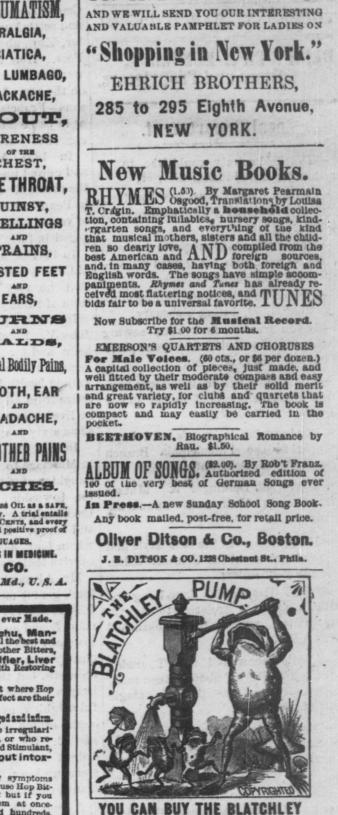
the good matron to her visitor, when she saw her bonnet in the air. "As soon as the kite comes down he'll give it back to you."

AN Irishman knows how to wittily overcome all difficulties. "What shall I do with this unsightly heap of rubing tins bright is water-lime. This is a soft brown substance that polishes bish, Pat?" "Dig a hole and bury it," answered the man of invention, metals without scratching the surface and is very cheap. Also rub your tins "Ah, yes, Pat, but what am 1 to do with a damp cloth, then take dry flour with the dirt out of the hole?" 'Well, sire, I would advise you to dig a hole and rub it on with your hands and big enough for the whole of it." afterward take an old newspaper and

### No good Preaching.

No man can do a good job of work, preach a good sermon, try a law suit well, doctor a patient, or write a good article when he feels miserable and dull, with sluggish brain and unsteady nerves, and none should make the attempt in such a condition when it can be so easily and cheaply removed by a little Hop Bitters. See other column. -Albany News





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808 Market St., Philadelphia, Pa.

ONCE.

cattle graze freely in summer, and are fed hay and corn-stalks in winter. more. But a milk producer must in Thus treated they attain a full growth vest from \$10,000 to \$15,000, or perhaps then put in a hot oven and heat it of frame at no great cost at four to five even more, to enable him to produce thoroughly. Thus treated, any tin-300 quarts of milk a day, and it requires years old. Early in summer they are then taken to rich pastures, where ence to keep the business running sucthey fatten rapidly, and in the course cessfully, The milkman complains of of a few months become choice beef. the long hours required to market his In this way, and also by subsequent milk; but a farmer is an adjoiring town who has had experience both in stall-feeding for an additional time. producing and marketing milk, says greater gain of flesh per day during he can distribute 40 cans of milk from the fattening process has been obtaina tarm within three miles of the Lowed after the above ages than I have as ell postoffice, as quickly as he can draw that amount of milk from the cows' yet met reported for the first and secudders. We have as yet seen nothing ond years of such as were rapidly on this subject which shows any hinpushed from birth. The utmost gain drance in the way of co-operation amof those found at the late Fat Stock ong farmers in marketing their milk, Show in Chicago was 1,47 to 2.20 which would give them all the profit pounds per day for bullocks from 618 there is. Until that has been tried and to 952 days old. while that of those past of the middle-men. But the first esfour or five years old, spoken of above sential to its success, is the stamping during the time fed for slaughter, 1 out of all the adulterated and extended am informed, has often reached two milk, by efficient prosecution of the and one fourth to three pounds, and dealers in this article. Then honest milk will come to its own, and the even more, per day. This method of honest producer can, make in honest feeding is followed somewhat in the Lying. Eastern States, but more largely on

pasture alone generally on the vast THF oxalis is a very useful winter plains of the West. It is pursued also house plant, being especially desirable for hanging baskets, both leaves and moderately in the United Kingdom, where cattle are kept till four to five blossoms being on long, slender, droopyears old in the mountainous districts ing stems. The bulbs are small, easily of Ireland, Scotland, England and grown, and produce an abundance of flowers. The leaves in torm are not un-Wales.

Gustave Dore at Work,

Not far away in the Rue Bayard, vericolor, which is white with a yellow day and night, works Gustave Dore, now painting, now rapidly sketching out-side. in his great sketch-books the designs

THE experience of the best turkey which are to electrify the world. He breeders goes to show that the best is a little man, with dense black hair results are obtained by feeding liberaland ruddy complexion, with healthy ly all through the season, and not leaving it until a couple of weeks bechest and sinewy arms, with a confore killing to do the fattening. One fiding friendly manner which at once wins every one to him. His jet black sufficient during this season of the year feed daily, and that in the evening, is mustache shades clear-cut and firm the birds soon look for it then and lips, indexes to a character which has come home regularly at feeding time, always held him above the level of the and always roost near the barn outbuilding. grosser Parisian temptations. His

whole heart and soul are in his work.

sides the bonus he has to pay for his dry, and it will look equal to new. To route, which might perhaps, be as much prevent the rusting of tin, rub fresh lard over every part of the dish, and ware may be used in water constantly a good deal of knowledge and experi- and remain bright and free from rust.

> IF we add a pint of pure water to a pint of impure water, we dilute the impure water, and it is made that much the more pure. If we add a dozen pints of pure water to it, we dilute it still more, and bring it nearer purity yet; but if we add a certain number more, instead of the impurity becoming diluted, it is absolutely destroyed and Dr. Letherby, of London, says that the water is perfectly pure. It is the same way with impure air. A certain quantity of pure air added to it. dilutes the bad air and makes it less noxious, while if a certain quantity more is added, the impurity of the air is destroyed, as is the case with impure water. Any person can judge of this from the good effect of much pure air upon bad air.

ing. 6. Brain-workers should never

goad on their brains to overwork on

the stimulus of tea. 7. Children and

the young should never use tea. S.

The overworked and underfed should

never use tea. 9. Tea should never

be drunk very strong. 10. It is

better with considerable milk and su-

gar, 11. Its use should at once be

abandoned when harm comes from it.

12. Multitudes of diseases come from

the excessive use of tea, and for this

reason those who cannot use it with-

out going to excess should not use it

Be wise and Happy.

and wrong notions in doctoring your-

self and tamilies with expensive doc-

tors or humbug cure-ails, that do harm

always, and use only nature's simple

remedies for all your ailments-you

great expense. The greatest remedy

BRIGHTENING TINWARE .- One of the

best things I have ever thied for keep-

See another column .- P-

If you will stop all your extravagant

at all.

Card collectors please buy seven bars Dobbins' Electric Soap of any grocer and write Cragin & Co., Philadelphia, Pa, for seven cards gratis, six colors and gold. Shakespere's "Seven Ages of Man." Ordinary price 25 cents.

DURING the dead of winter any living plant which looks green adds to like clover leaves. Three to five bulbs the cheerfulness of a room, and a mass of beautiful verdure is obtained by the are required in a pot, and the soil should be sandy. The blossoms are pink and following expedient: Take about yellow, and there is also a variety called twenty or thirty ears of whe .t and tie them together, leaving the straws about eye, the petals being crimson on the two inches long. Hang them up for a few days, keeping them sprinkled with water; the top will soon become a perfect pyramid of verdure, and will retain its beauty for several weeks.

This simple plan may be put in practice at any time in the winter months. BAKED BANANAS .- Take ripe, firm

bananas, with the skins on, and put them in a hot oven for fifteen minutes, serve hot. They will be found a delightful vegetable, and far more digestible than when eaten raw.

salt.

almost any other.

press.

Vegetable Compound.

"ACCIDENTS will happen." Brigson at last winging a pleasant, after missing right and left all day)-"Ah, ha! Knocked him over that time, Jenkins!" Keeper-" Yes, sir; they will fly into it sometimes !"

APPRECIATIVE SYMPATHY: Herr Bogoluboffski plays a lovely nocturne, which he has just composed. To him (as he softly touches the final note) Fair Amateur : "Oh, thanks! I am so fond of that dear old tune !"

'TALK about the power of the press,' softly murmured the aged Granger,as he held up to view a hand he had inadvertently left under the cider machine tiil it looked like a pound of raw liver; "well, I should remark."

LITTLE Jimmy is laid up with the measles and suffers a great deal, but when he was asked how he liked the measles he brightened up and exclaime :: "The doctor says I can't go to school for a week. That's how I like it."

Imagine for a moment the thousands upon thousands of bottles of Carboline, the deodorized petroleum hair renewer, annually sold, and the fact that not a single complaint has been received from all these thousands, and you may have some idea of its good qualities.

A MODERN novel has this thrilling passage: "With one hand he held her beautiful golden head above the chilling wave, and with the other called loudly for assistance."

"A MAN never realizes," remarks a commercial traveller, "how plentiful mustard 1s, and how scarce are bread and meat, until he tackles a railway refreshment saloon sand wich."

THE man who sighs, "How soon we are forgotten !" has only to leave a hotel without paying his bill, to find

peculiarity by which he can be recognized ?" asked the guardian. "Yes,

effects are wonderful

TOMMY savs nobody need go to a tea ware-house for pure tease. Anybody who has got an elder sister gets enough

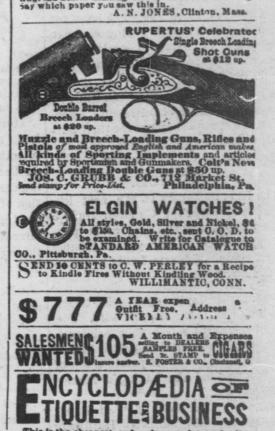
A young lady is gaining great repu-

WHY is the meat in a sandwich like the middle class in society? Because

ICELAND is the only conntry that possesses a volcano whose eruptions go off with (H)ecla(t).



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how sadly mistaken he is.