The Farm.

THE FARMER-A BEAUTIFUL PICTURE.

BY HON. EDWARD EVERETT.

-other things being equal-more strongly

fourscore he had lived? two.

The old man told him he had. time ?"

teran. "I hope you will be prepared for it," said that you will not need even a valve; though the gentleman.

"Oh! as to that," replied he, "I have tal at a triffing cost. They would recom-lives-by the laws of civilized nations-he is been a very good sort of man, and never did mend you to make another hole in the wall the rightful and exclusive owner of the land any person any harm, and I have always sent opposite your chimney, near the ceiling also, which he tills, is by the constitution of our a bushel of corn. This is an approximation my parents a half-sovereign whenever I have to establish a more effectual current in the up- nature under a wholesome influence, not easi- to their relative value, and near enough for been able.'

"that won't take you to heaven."

other place, will it ?"

would."

After a pause, the old man angrily replied, ties, yet we like them for admitting light; -his from the centre to the sky. It is the age and size, will produce an average of tea "I am a Churchman, and have all my life be- and some day it may strike as that the want longed to the Church, and I am not going to of ventilators is a neighbor folly to the want of moved in its round of duties; and he feels the exclusion of other crops, more than two turn Dissenter for any body; so you needn't windows. try to make me one!'

" My good friend," said the gentleman,

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"I am a Churchman myself-a Dissenter, a Baptist. In short, I belong to any thing that is good."

The old pensioner, however, seemed relucter la service /

### Stientific.

Probable Future Substitutes for Coal, &c.

steam and capable of being called into action, means left to mere conjecture or hypothesis and again condensed by slight mechanical im- upon this interesting point-nothing is more pulses, or by changes of temperature, incalca- common in chalky districts than to find flints, lably less than are now necessary for the ma- which, on being broken, still contain portions nagement of that comparatively intractable of the original sponge in an almost unaltered substance; but, even if we should still require condition, and thus afford irrefragable proof of to use steam; we are persuaded that means the condition of the entire mass. will be devised for its generation, or rather for the production of evolution of heat for that To Transfer Engravings to White Paper-A New and all other purposes far less operose, indirect, and presarious, than the combustion of Place the Engravings for a few seconds over coal. This may probably be effected without the vapour of Iodine. Dip a slip of white pa-surface to perish. Whenever wheat is much might with equal reason have come under the any process of combustion at all; either by the per in a weak solution of Starch, and when heaved out, it rarely escapes the rust, and the ban of the reformers, and an ukase been progreat agents of galvanism or electricity al-dry, in a weak solution of Oil of vitriol .-ready referred to; or by the friction, hammer- When dry, lay a slip upon the engraving, and The first object of the agriculturist, in such contribute to form intoxicating drinks. structible bodies; or by the forcible compres- The Engraving will thus be reproduced in all tained without the tremendous expense of the Builder. working and transportation of fuel, by merely contriving a method of burning the inexhaustable, omnipresent, and eternally reproduced element of hydrogen, as it exists in the great ocean, and in all our lakes, rivers, fountains from Castor Oil, and being brought into geneand tanks, and tubs of rain water, with the ral use. equally omnipresent, inexhaustible, and reproduced oxygen of the circumanbient at-mosphere? These, we are aware, may not strike many (perhaps most) people as mere Utopian or Laputan fancies; and undoubtedly they are, as yet, but vague and general suggestions. But when we consider how much wider and more audacious (as less warranted by any analogous experience) similar anticipations of electric telegraphs, photographic painting, or railway locomotives, must have appeared but fifty years ago, we really cannot Review.osed all to include malattic off I a

"You have been in many battles in your aperture be large enough, it will supply all the Traveller. fresh air needed in your room, to replace that "But," said he, "there is another battle which has ascended and passed out, through you must pass through." a hole which you are to make in your chim-" I suppose so," quickly answered the ve- ney near the ceiling. They say that. an updraught will clear away this air so quietly,

you may have one fitted and made ornamen- feels that by the laws of the land in which he

per air. Then, they say, you will have fresh ly imbibed from any other source. He feels all the purposes of the farmer. "But, my good man," said the gentleman, air, and no draughts. Fresh air, yes, at the

"No," answered he, "I didn't say it down. They say, you should not mind the hand of God, and upheld by his power, is fail of being admitted as an important item in

himself connected by a visible link with those who follow him, and to whom he is to trans-Sponge the Basis of Flints. mit a home. Perhaps his farm has come down

The mere assertion that flints are sponges to him from his fathers. They have gone to would no doubt startle the reader who was un- their last home; but he can trace their footacquainted with the history of these fossil re- steps over the scenes of his daily labors. The lics of a former ocean; but we apprehend that roof which shelters him was reared by those tant to pursue the conversation further, fear- a little reflection will satisfy the most sceptical to whom he owes his being. Some interesting that, if he did, he might become a Dissen- of the truth of this strange announcement. ing domestic tradition is connected with every Imbedded in the substance of the chalk, which, inclosure. The favorite fruit-tree was planted during long periods, by its accumulation had by his father's hand. He sported in his boy- potatoes or any other crop. continued to overwhelm successive generations hood beside the brook which still winds

of marine animals, the sponge have remained through the meadow. Through the field lies for centuries exposed to the water that con- the path to the village school of earlier days. We have a confident hope, however-or tinually percolates such strata; water which He still hears from his window the voice of rather a firm belief-that long before our coal- contains silicious matter in solution. From a the Sabbath bell, which called his fathers and have got domicilated on your premises-to tields are really exhausted, discoveries will be well known law of chemistry, it is easy to ex- forefathers to the house of God, and near at give your hogs a start preparatory to being niade, both of new motive powers and new plain why particles of similar matter should hand is the spot where his parents laid down sources of heat or caloric, which will make all become aggregated, and thus to understand to rest, and where, when his time is come, he future generations independent of those clumsy how, in the lapse of ages the silicious spicula shall be laid by his children. These are the and dingy resources. Motive power, we think, that originally constituted the frame work of a feelings of the owner of the soil. Words canwill probably be supplied, either directly by sponge, have formed nuclei around which kin- not paint them-gold cannot buy them; they such omnipresent and inexhaustible elements dred atoms have constantly accumulated, un- flow out of the deepest iountains of the heart; as electricity and galvanism, or by the em- til the entire mass has been at last converted they are the life-spring of a fresh, healthy and ployment of some gas, far more elastic than into solid flint. We are, moreover, by no generous national character. 時のかり 記でのの「見影性理解を加立機構能」

## Remaks on Wheat Culture.

All lands, with a subsoil impervious to wa-

When he replied, and between your legs from remote corners of yards will make a ton. Clover will take from the same practice would be very deleterious in the room. They say, moreover, that if this ten to twelve solid yards per ton.-Boston the spring.-Mr. Pow's Address before the Mahoning County, O., Ag. Society.

## Apples as Food for Animats.

The value of apples, as a feeding and fattening crop, is greatly overlooked by a large portion of the farming community. It has The man who stands upon his own soil, who been estimated by those who have paid attention to the subject, that two bushels of apples are equal in value to one bushel of potatoes, and that two bushels of potatoes are equal to

When we consider the ease with which apexpense of a hole in the floor and two holes in than another, the character of a man as the ples can be produced, and the quantity that He tartly replied, "It won't take me to the the wall. We might get fresh air, gentlemen, lord of the inanimate world. Of this great can be grown on a given quantity of land, on a much larger scale by pulling the house and wonderful sphere, which fashioned by the compared with other crops, they can hardly holes. Windows are not architectural beau- rolling through the heavens, a portion is his farm husbandry. An apple tree of medium space on which the generation, before him bushels of fruit a year, and will not occupy, to square rods of ground. Two square rods, if planted with potatoes, would not yield, on an average, more than a bushel to a rod-which, with all the appliances of ploughing, seed, hoeing gathering, will not be worth over from one to two shillings per bushel, while the two rods or ground occupied by the tree, without a moment's labour, or care, gives ten bushels, and often a much greater yield, and is worth for feeding five times as much as the produce in.

> All wormy and wind fallen apples in the orchard, should be gathered once a week, and fed to the hogs for two or three good reasons to destroy the larvæ of the future insect, that yarded for pen fattening, and to have a clear bottom for the final gathering for winter use.

> Apples cooked with potatoes give a relish to the mess, that the animals easily exhibit over the potatoes alone, and should be thus fed after the hogs are put up; and we think where apples are freely used that the swill should not be allowed to sour and pass into the vinous fermentation, changing the saccharine into spiritous matter.

In travelling through the New England States, one cannot but be struck with the ter, will have out wheat on the breaking up great lack of orchards; rarely are to be seen of winter. It is caused by the surface soil be- young and thrifty trees, regularly planted out, ing surcharged with water, which the night but mostly old straggling patches, moss-coverfrost congeals, forming an infinity of icy pil-ed and decaying. Many large orchards have lars raised two or three inches, above the sur- been cut down, during the crisis of the tempeface, with the wheat plants embodied in them, rance fever, for conscience sake-a more misand torn up by the roots; the succeeding day taken policy than which fanaticism, never enthaws the ice, and leaves the wheat on the forced. The corn, the rye, and the wheat crop is either destroyed or greatly injured. mulgated for their annihilation, as they equally

Invention.

### malines services (1) and New Use of Castor Oil.

to the hamit of

## To make Cucumber Pickles.

Good Ventillation.

In seasons

soils cspecially, should be to draw off the sur- Sheep and horses feed and thrive well on ap plus water. He will so plough the fields in such ples, and never choke. If you cannot get sion of common air, or of other elastic fluids; its delicacy and finish. The lodine has the lands, that the last furrow on being opened by three dollars a barrel for cider, better feed or by the chemical combination of different property of fixing on the black parts in ink on the plough, after harrowing, will drain off the them, or sell by the barrel all the cultivated substances; while, if combustion must still be the engraving, and not on the white. This water. No water should stand on a wheat varieties, or use them in the family. They resorted to, might it not be constantly main- important discovery is yet in its infancy.- field. The spade and shovel should both be are nutritious, healthy, and the cheapest food freely used. But after all this is done, he will the farm produces.

find it only a partial preventive. Sub-soil ploughing would be highly beneficial in such Candles, in many respects superior to those cases; as that would give a greater depth for Soak the cucumbers three or four days in old, 1y discharged by under-drains.

# Feeding Poultry.

The following method, from the Transacmade of Sperm, are now being manufactured the water to sink from the surface. The sub- tions of the Essex County Agricultural Society, soil plough is an important implement of the will be found a good one .:- Once a day, in age. But the most effectual, though it is the summer, feed on a mixture of corn aud barley, most expensive preventative, is under draining. or corn and oats. This will be sufficient, if All the superabundance of water can be readi- your fowls have a large enclosure, where they can obtain gravel, insects, worms and green

sour cider, or two parts water and one vinegar; Early sowed wheat is less liable to freeze food; if they are confined to a small space. then place them in the pickle-jar; heat good out than late, but is more subject generally to these substances must be supplied them libecider vinegar scalding hot, with an ounce of the attacks of the fly. The Rochester wheat, rally. In winter, keep corn, mixed sometimes alum to a gallon of vinegar, with any kind of called in this county the white chaff bearded, with oats, constantly before them, as well as spices, and in such quantities as suits the taste; requires to be sowed early-from the first of pounded oyster shells, burnt bones or cland pour it over the cucumbers while boiling hot; September till the 20th. The red chaff may shells; occasionally, give boiled potatoes. cover them tight, set them in a cool place, and be sowed much later on an inferior soil, and mashed and mixed with Indian meal or branif the vinegar is right they will keep till Jnne, succeed well; but the fly is more destructive warm, but not hot. Let them have wood ashes, when the old vinegar should be discarded and to it than any other. The Mediterranean to dust themselves in, and an abundance of consent to put them in such category; but, on new substituted. Pickles made in this way wheat, so far as it is known to me, resists the clean water, fresh every day; in freezing weathe contrary, confess to a certain feeling, both are always crisp; the alum hardens the skin fly better than any other kind, and being about ther, the water should be lukewarm. Chickof pride and confidence, in thus recording what of the cucumber, so that it never turns soft. ten days earlier is not liable to rust; but it is ens require no food for the first twenty-four we cannot, but consider a truly prophetic, though it may be but a dim and indistinct vi-cellent condition now. early part of March, to feed it off with sheep in about twelve hours from the time they leave To Measure Hay in Stacks. "More than twenty years since," says an wheat to the Mediterranean, on a wheat soil for the two succeeding months, give cracked old farmer, "I copied the following method that is in good order. But it should never be corn, dry, three or four times a day; occa-You should have, if possible, a pipe con- of measuring hay, from some publication, and sowed on fields which heave out wheat much; sionally vary their food by giving sometimes nected with the air without, passing behind having verified its general accuracy I have or late in the season. It is, highly important cooked meat, chopped fine, and sometimes the cheeks of your stove, and opening under bought and sold by it, and believe it may be to sow wheat in good season, that it may have crumbs of bread. We think dry food much your fire, about, on, or close behind your hearth. They say that from this source the fire will be supplied so well, that it will no longer suck in draughts over your shoulders and if the hay is somewhat settled, ten solid