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OLD SERIES, VOL. 15 NEW SERIES VOL. 4.

Correspondentie.

For the Colonial Farmer. RURAL TOPICS.

SCIENTIFIC FARMING. Farmers are inclined to conside " scientific" agriculture, as something only taught in books, theoretical in : great degree; but this is not so, as science is nothing but knowledge, skilled knowledge. Now, farmers will, perhaps, be a little surprised when I tell them that every one of them, who is skilled in farming-men who keep their farms in good condition, have good fences, plow and plant at the right time, cultivate well, etc., are all scientific farmers. But the men who study scientific agricul ture in colleges, and graduate as rods long, and nine years old, from thorough practice of farming, are not scientific farmers, although they generally claim that title exclusively. No set alternately, to break joints. This ever, nonshellout. man can say that he knows that the hedge has been clipped a little, two application of certain fertilizers to certain crops is particularly beneficial,

unless he has had a positive practical firm, compact base, perfectly imper- lady at the window. "Well, you jes vious to the smaller animals, and stout better git along home or I'll frow knowledge of the alleged fact. The nough to turn ordinary farm stock, reading that such application produces except for a short distance at one end good results, even in the writings of a where the soil is quite thin." A pound One of our agricultural exchanges hundred men, is not proof that such is of barberry, or buckthorn seed, costheads an article : "What cows should the fact. One may presume that it is ing one dollar, will produce plants farmers keep?" We would respectproof, and that is as far as he can go enough for 100 rods of fence. fully suggest that they should keen but, for instance, when a man applies their own, as serious inconvenience FAILURE OF GRAPES AT THE WEST. potash to a certain crop for years, and sometimes arises from a propensity to A well-known horticulturalist sometimes omits to put it on a part of keep things belonging to others. the field to show the result, and he Ohio writes : " In many parts of the finds that where no potash is applied West and Southwest there have been The mayor had the honor to take the crop is much less than where it is very discouraging failures of nearly the hosteress in to dinner. "I don' applied, he knows that it is beneficial; all the desirable kinds of grapes the know, Mr. Mayor," said the lady and, consequently, he is a scientific past two years. Even the Concord whether you are at all afraid of the farmer, so far as the application of that was throught to be everywhere measles, but my little children have potash to one, or more, crops is con- reliable, has entirely failed in many them, and I myself have had a slight cerned. So, if he shall become an localities. At a meeting of the Monattack." The mayor rose to the ocexpert in every branch of farming, tgomery county, O., Horticultural casion. "Madam," he said. "I should by obtaining knowledge from books, Society, Mr. N Ohmer stated that his be only too delighted to take anything papers, or otherwise, or what is sup- Concord vineyard had failed entirely from so charming a source." posed to be knowledge, and finds it to two years in succession, and he did not he true or false by a practical test, he feel like waiting for a third, but had A "hard case" was interrogated Scomes a scientific farmer in the full concluded to grub out the vines, and the other Sunday by a friend, who sense or meaning of the term. The plant something more profitable had just seen him at church, but whom idea is prevalent that a young man their place. He believed the Concord he now found swallowing a glass of may be sent to an agricultural college, vines would do well while young, but brandy and water at a public bar and after studying agricultural chem- as they grow old, they fail. At a preroom: "I saw you in church this istry a year or two, and being taken vious meeting of the society, Mr. out upon the farm occasionally to see Kramer, who is the most extensive morning listening to a discourse upon righteousness and temperance; how the crops growing, and the applica- grape-grower in that region, states comes it that I now see you here tion of fertilizers, that he becomes a that the grape crop was almost an endrinking?" "I always thirst after scientific farmer ! That is not so, bc- tire failure. For 12 acres of Catawba righteousness," was the answer.

in regard to the annual destruction of will make one perfect in this process. timber in the nation, from which it This is for apples. It will apply appears that the consumption requires equally well to any other kind of fruit about 5,500,000 acres every year. from which it is practicable to obtain

He puts the requirements for fencing the juice as one would from apples." purposes at about one half of this vast amount, which we think is too high:

Miscelluneous. but it is nevertheless immense, and not withstanding the gradual increase A man behind the times should be of tree planting for future use, it is fed on Worcester sauce, because it is a certain that a radical change in our ketchup. fence system is absolutely necessary, or two generations hence the country

A down east editor asks his sub will be practically without fences. scribers to pay up, that he may come The kind of hedges most grown are a similar joke on his creditors. the buckthorn and barberry for the

North, and the Osage orange for the The difference between a fisherman South. In regard to the barberry, the and a lazy schoolboy is, one baits his Wallingford Circular says: "We hook and the other hates his hook. have a barberry on our grounds 25

Nonchalant means the peculiarly Professors of this science, without a the seed. Two rows of plants were indifferent look which is put on by set, the rows one foot apart, and the men who never pay when dunned for plants one foot apart in the rows; and money. It should be written, how-

> or three times, to keep it even, and is Serenader: "Home, Sweet Home, now six or seven feet high, with a dah am no place like home." Colored

may be separated into three rooms, large enough for twenty-five fowls to a room. Such a building can be put up for fifty dollars, and is worth as most elegant building, while everybody that can afford to keep good fowls can afford such a hennery.

A Slight.Set-Back.

and animals. Of course the subjoined article treats the matter from the

the principal being the increased cost animals, those which are inferior may heat in many instances has burned that certainty. of the meat on this side, arising out either go a begging or be sold at non- the buds past recovery.

element of competition. It is learned bring " strong prices."

feet. With such nests as these, hens eaten. It therefore behoves the milk nearly all produced for market in aids in the larvæ of the Lady-birds, Western farmer thinks to apply farmseldom learn to eat eggs. Fasten the preducer to keep a clean grass sward Alameda County, has been ruined, to several species of which are common yard mineral, or commercial fertilizers

Board Wacks

have come to regard this as one of the getting numerous. They are invalu- happens to become rich by the cattle, best fruits of the season. As for the able friends to man, devouring, when- sheep, or colts remaining on it during cherry crop, while it was not so ever they have the opportunity, all the night, the chances are that he will greatly damaged by the heat, a con- all kinds of plant lice. The applica- plow it up and put it in cultivated siderable part of it having been tion of Paris green effectually kills off crops; and turn out another piece of gathered, it was a poor crop from the these useful creatures. The copper- land that is in too poor condition to start, and there is not much of it left spotted Carib and its congener, as produce corn, grain, or hay. after the heated term. We hear of also others of the beetle tribe, do use- In England pastures receive constant several large cherry orchards where ful work. The rapacious Soldier-bug, attention and increase its productivethe lessees have heretofore sold from Reduvius raptatorius, is numerous this ness year by year. They are generalone thousand to three thousand dol- year, and as the increase of these ly in so high a state of fertility that a standpoint of the market, but as it is lars' worth of berries in a single insects is dependent upon the supply good crop of hay may be harvested the object of the farmer to turn the season. This year the entire crop of food we may feel confident of in- from them, if the stock is taken off, as The meat supply from America to yield of his land in to money, he will hardly bring as many hundred creased number of these, even pro- done occasionally. They are manured England has met with a sudden check. should consider well that while there dollars. What is worse, the buds for viding that we do not for the sake of like lands that produce annual crops, Several reasons are assigned for this, is no risk about A 1 products and next year are not promising. The slight temporary advantage nullify the fertilizer being applied late in the

of the demand, and the decrease of paying prices. It is true not only of The destruction to vegetation was atriventris will be an additional aid in every season, so as to keep down the returns from England. The sudden cattle, but of every thing the farmer very great. In places where the checkmating the Colorado beetles, but weeds and coarse grasses. By cutting advent of hot weather has lessened the has to sell, that " good to choice" are mercury did not range much above it behoves us to be careful and them off, short grasses spring up, demand, and there is also the new always in demand, and are sure to ninety-eight degrees, the heat and the discriminating, and to do our part while the weeds and rank grasses that north wind denuded many trees of according to right reason and sound are cut down help to enrich the soil. that steps have been taken in London "It is good to choice cattle that are one-third of their foliage. Gardeners judgment." To defeat an enemy it is The turf, once well established, may to secure a supply of dead meat from in strong demand and that are particu- and others in the suburban towns have necessary to account him at his full not be turned once during a century; other countries than America, and larly wanted at strong prices. It is been busy in raking up leaves, as if it value, with all that tell for or against but it is occasionally scarified by a much nearer home. At a recent meet- true that medium and low grades may were autumn instead of the fresh and him. We have now the second brood utensil made especially for the puring of the Royal Agricultural Society, for a time work in sympathy as to leafy month of June. At no time of beetles, who will be the progenitors pose, so as to lay bare some fresh soil,

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fall or very early in the spring. They

The coming amongst us of Lebia are ordinarily mown at least once

nests on the partition which separates for grazing with cows .- Utica Herald. the great regret of housekeepers, who enough. In some localities they are to his pasture. If a portion of it the walk from the coop. A building thirty feet long and fifteen feet wide

POSTAGE PAID

FREDERICTON, N. B., AUGUST 20, 1877.

Raise Good Cattle. There is an important lesson in the following article from the Drovers' Journal. More and more in every much for all practical purposes as the department of agriculture the stress of urgency comes for the production of the highest quality both of products

cause he lacks the thorough practical vines he did not have a ton of sound training-work with his own hands- grapes. Most of the Concords were to make a really scientific agricultur- also ruined by the rot. He cut 2,500 ist; but what he learns at college in pounds of Ives' Seeding from about 3 theory is a great advantage to him. acres. Taylor's Bullit had done well

My advice to such young men, if they growing among Catawbas that rotted. desire to become farmers, is to hire Norton's Virginia was also good-

you will never justly have unless you when grown against a wall or buildobtain it by practice on a farm.

CLOVER AS A FERTILIZER.

When the world was made, its Maker cord and other grapes, from corres- old gentleman at once returned to the paratively little done to improve the foresaw certain conditions of things pondents in different parts of Central house, and asked a young man named branch of husbandry. It is noticeable that the human mind could have never and Southern Ohio and Indiana, In Loyd to fetch the blue bag, which in passing through the country that penetrated, one of which was that the regard to what causes the rot, this was done, and the liquid blue was ap- pastures as a general rule are growing soil could not forever continue to question has baffled horticulturists al- plied. Loyd likewise, at the request less productive, and the quality of yield large, paying crop without most as much as that of the pear of Mr. Larkham, took an egg from feed poorer, by reason of foul weeds manure, or a fertilizer of some kind- blight, and the theories respecting it his pocket which he gathered from that are increasing in the soil. Thistles. that animal manure would not be are nearly as numerousa and conflict- a nest. Upon sitting down in the milkweed, daisies, and many other abundant enough to keep lands in a ing. good state of fertility, as the popula-

tion became dense; and, consequently, elover was given to us as a cheap and valuable fertilizer, "without money many years that heavy rains in the a quarter of an hour after the sting. keep them from seeding for a season, confident hopes that it will be highly and without price," which is literally month of June are quite sure to be Dr. Gimblett was called at the inquiry,

Killed by the Sting of a Bee

A distressing event occurred their value, and should create caution. at Sydney recently, and was the subject yet it can scarcely be doubted that the of a coroner's inquiry on the following intelligence and enterprise of the west day, viz., the death of Henry Larkham, will be found well able to cope with out for a couple of years to a thorough, these are both wine grapes. He had Sr., a retired farmer from the sting of any competition that may arise.

practical farmer, and work your way tried quite a number of Roger's Hy- a bee. It appeared from the evidence to the title, "scientific farmer," which brids, but found them of no use except given before Mr. M. F. Carter, divisional coroner, that at about five o'clock ing districts more improved land is ing. He had seen young vineyards Mr. Larkham was in his son's garden, devoted to pasturage than to all other of Concord doing well. I have similar and on passing in front of the beehives, purposes, and more income is derived reparts respecting the failures of Con- received a sting upon the temple. The from it annually .- Yet there is com-

yard, Mr. Larkham had fainted, and unwholesome weeds, occupy the soil We need more extended and careful was bathed with vinegar and water. instead of nutritious grasses. To observation of facts on which to base This, however, proved a powerless eradicate them and get a clean sward conclusions. It has been noticed for restorative, death supervening within of grass that will pay for fertilizing,

IMPROVING PASTURES .- In the dairy

so their seed will be ploughed under

re-seed with a variety of grasses

adapted to the soil. Mow the first

crop of grass, to give the roots a good

spread in the soil before tramping it

held in London, one of the members relative prices to a limited extent with during the last fifteen years has the of the brood which will hybernate and on which the seed of more valuable stated that contracts have been made the better qualities, yet we consider crop of roses been so utterly used up appear next spring, and herein we grasses may be sown. A great variety to ensure the supply during the next it altogether possible that the market as during the last ten days. One may find a method wherein the increase of of grasses is produced on English six months of the carcasses of 50,000 for the lower grades of cattle may at walk through extensive grounds now the beetle can be most effectually pastures and attention is given to sheep and 4,000 oxen from the any time become depressed or even without finding a perfect rose. Not dealt with, From the laying of the seeding peculiar soils and localities slaughter houses in Vienna, the meat demoralized by an over supply of such so many are seen now in the best kept eggs to the appearing of the beetle in with grasses that are adapted to them. to be delivered in London in from 54 cattle, while the market for really grounds as might be seen in Decem- the winged state about six weeks is In this country little or no attention to 60 hours. The shortness of the time good, ripe cattle may remain firm. It ber. The mildew has been very required. It takes some little time is given to this matter, but the grasses

required for the transit, it is urged, is never good policy, so early in the destructive; then came an army of for the wing cases to harden, but we are left to establish themselves as best does away with the costly process of season, in the first summer month, to green parasites, then the north wind can estimate that three weeks after they will. In some localities white refrigeration necessary in the case of take half-fat cattle that will make and the heat put on the finishing their appearance the females are clover, redtop, and blue grass, all good meat brought across the Atlantic. It nothing better than what is called touches. Pinks, which are the glory depositing eggs. The growth of the pasture grasses, will, by a process of is also urged that there is nothing to slippery beef from good grazing fields, of midsummer, were dried up in eggs and consequent laying are opera-self-seeding or extension of their roots, prevent the importation of dead meat and send them to market; they are a bunches with hardly more freshness tions carried on independently of establish themselves over a considerfrom Austria, Hungary, Poland, and kind of cattle that are never in favor left than sheafs of barley in the open the will of the beetle, who, in the able amount of ground. Under uncertain parts of Russta. In other with any kind of dealers, and in nine field. In some places where the mer- latter days of summer, finding no favorable circumstances, however, words, demand will create supply, and cases out of ten such cattle have been cury went up a hundred degrees, potato stalks in the early dug potato sorrel, burdock, thistles, and coarse the cheapest sources-other conditions sold in the consuming markets for apples and pears were partially cooked patch, will preforce deposit her eggs grasses will take possession of the being equal-will carry the day. less than they are worth in the fields on the trees, and to this extent were on grass, dried potato haulm, or any- land .- N. Y. Independent.

With the return of cooler weather-in from which they have been taken in spoiled as a remarkable crop. The thing else. Now, if in one year all four months time-many of the diffi- the country. It is our opinion at the grape crop, so far as we can learn, were to plant early, so as to get the culties that now exist will pass away. present time that all cattle of this has suffered no injury. It is a little crops all off the ground as early in The facilities fer Atlantic transit are kind should be kept in the country affected by heat, north wind or drouth. August as possible, according to

now so great that it will be found until they are made really fat." quite as easy if not more convenient

to ship meat from this side of the sea than from Mediterranean or Baltic ports. Just as Canada and the United The Geneva Continent says: States have the call in English markets for butter and cheese, so will they eventually obtain it in meat good quality being kept in view. Though the facts stated as regards supplies from Central Europe have

> and journalists of the German Capital. The concern is described as consisting

of a couple of wheels, two meters high ; between these "finds itself" the horse, upon which mount the rider. The latter moves his legs, "after the English fashion of riding " (this means we presume, that he rises and falls in his saddle) and the thing goes along same whether the machine goes gently

over the stones or moves swiftly on the hard high road-and the facility with which the strange steed turned

This is the only country, in the ound corners excited the admiration marshal its forces for subjugation. It world, the Chicago Times says, where of all beholders. Herr Netzsch believes that his invention will be of great use to porters and others for the carrying of light loads, and he has

of course, of wheat and barley.

FROM A PHYSICIAN.

Great Bend, Pa., Nov. 22, 1875. Messrs. Seth W. Fowle & Sons, Boston The first of the new crop is already in locality, about Toronto, say the first Gentlemen-For nearly two years my wife was troubled with a lung difficulty. After

the market and selling at retail for 50 week, the beetle would be nonplussed enduring the trial of much medicine, she was cents a pound. The hot weather has for a suitable place for its eggs; and persuaded to use DR. WISTAR'S BALSAM OF pinched off a great deal of growing if in the following year everybody WILD CHERRY. After using two bottles grain, which, ten days ago, promised were to plant late, the interval between he experienced great relief, and after she had taken six bottlhs she was freed from her to mature from half to two-thirds of a the two plantings would be too long ough. I with pleasure commend DR. WIScrop. This will be turned into hay. for the beetle, and it would be starved TAR'S BALSAM OF WILD CHERRY. As usual in a dry season, the hay out. It might be said that native

J. T. PAYNE, M. D. 50 cents a bottle. Sold by all druggists.

been predicted, or rather there is a are insufficient, and would soon be HARPER'S MAGAZINE for September is distinguished, not only by the beauty of its

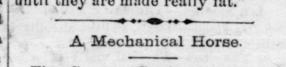
greater bulk of hay, at the expense, eaten up. According to our present happy way of cultivating everybody illustrations-of which there are -nearly one does as he likes. The early potato hundred-and the interest which attaches to planter, however ambitious he may every article in its contents, but only by its romarkable variety-touching upon every be, is a laggard compared to the beetle, field with which it is possible for a magazine who laments the hardship in having the Toronto Entomological Society to wait for tender tops of potatoes. to concern itself.

For lovers of natural scenery there are the The easy going planter provides plenty The capture in Pickering township of summer food, while the planter of Edward Island and Mount Shasta-the latter the later potatoes considerately carries being a description by John Muir of a snowthe beetle on to the time of hybernatstorm of the top of the mountain, especially ing; and the beetle, if he had the gift interesting to scientific readers, while it is full of looking into futurity, might go to f striking incidents and effective pictures those insects designed by nature to his winter sleep with the confident overing every phase of Mount Shasta scenery The scientific reader has also Dr. John W

)raper's exceedingly interesting paper on ers, with nineteen illustrations.

For those interested in art, there is Mrs. Helen S. Conant's well-considered and entertaining paper on the "Domestic and Artistic Life of Titian," with seventeen effective engravings.

Especially timely are the three papers dehas been stated-I think too confident- any pretensions are made to good voted to commercial and industrial interests. ly and without knowledge-that farming that no attention is given to a Ship," is a beautifully illustrated article, because the beetle "has spread so improving pastures. In taking up a not only explaining every process suggested rapidly from the Rocky Mountains to new farm, the poorest portion is in- by the title, but also investing the subject the Atlantic, and over so great a variably set apart for the pasture. nected with the greatest commercial mart on appreciated by the numerous classes bredth of country, it is evidence of After the best portions are planted this continent. Edward Howland's thoughtwho are fond of saddle exercises but extraordinary endurance and ability and sown to annual crops, so long as con are destitute of the wherewithal to itself to every reader as a approprito cope with natural enemies;" they will pay the cost of cultivation, ate to the present crisis, bringing prominently buy and maintain horses of flesh and whereas such a state of things simply the land is seeded down to grass. in view the often-forgotten interests of the blood ; he contemplates, too, its appliprove its entrance into fresh pastares, This is cut and cured for hay, till the nection with the railroad. In a brief paper cation to the drawing of cabs and ahead of its foas who require time to farmer is ashamed of himself of the entitled "American Workmen from a Eurofollow it up. small amount he gets from an acre, pean Point of View," the Rev. Leonard W. resents some facts as surprising as A slight consideration will bring when he concludes that he will convert they are gratifying home to the most unreflecting mind, the field into a pasture. He seldom All readers who are interested in our educational progress will find two very sugthat had the insect an unchecked seems to think that his pasture is his course in its native place, it would great source of wealth; that his cows ber. One, contributed by Horace E. Scudlong ago have been starved out. In get from it the materials which furnish der, is entitled "A Group of Classical the early stages of our acquaintance milk; that the grass it produces makes detail the work which has been, and is being, with the insect, it was computed that most of the wool, beef, and mutton he done at Phillips Acadeny, Andover, Massachusetts; Phillips Exctor Academy, in New a pair of them would produce over has to sell; and that all his young Hampshire; and the Adams Academy, at thirty millions in one season. An cattle obtain their living from the Quincy, Massachusetts. A second paper, in the advanced knowledge now gives sixty pasture about seven months in every October Number, will in the same way treat the Boston Public Latin School; Williston millions as nearer the mark. Allow- year. He seems to forget that he and minary, at Easthampton, Massachusetts; ing the insect in its habitat, but a his team work all summer chiefly to and St. Paul's School, at Concord, New Hampshire. Another educational paper, by Miss tenth of that increase unchecked, and obtain food which the stock consumes Anna C. Brackett, discusses the comparative the whole world would not supply during the winter, while his pastures efficiency of large and small schools. food enough. The greater the capacity furnish a supply for a longer period. The historical paper of the Number is de-Gremation in Galifornia roted to "General Stark, and the Battle of of increase the harder is the struggle without any labor being expended Bennington," and is effectively illustrated. Not a few Canadians have been for existance, nature ever balancing upon them. Two articles of especially literary interest loss by reproduction. The wandering Land once turned out to pasture is are contributed : " Tom Moore in America." habit of the beetle is necessary not doomed to neglect so long as it Benson J. Lossing, and "Waifs from manufactories here may be accomplish- then lay upon it a shed roof, the roof in August; then the thick sap will emigrate to that country. The fol- only in search of food, but as a means devoted to that purpose. Weeds and Motley's Pen," Park Benjamin, Jr. The latter contains a hitherto unpublished letter, of flow so copiously from the wounded lowing item from a San Francisco of escape from local enemies, who, in bushes are permitted to spring up and a very remarkable character, written by stalk, as to kill the root. No time of paper presents a rather discouraging their turn, must follow it up or starve. spread at will. As the grass in places Presidency. It is pleasing to hear from different becomes killed out, the spots are For readers of fiction there are four fresh parts of the Dominion of" black bugs', allowed to remain barren. A large nanters of Blackmore's powerful novel. go to seed ; for if thoroughly done in The recent heated term lasted seven or " great blue flies," as our country proportion of the stock kept in the ema:" a humorous illustrated story, enitled "Shadows," by Mrs E. T. Corbett due time it will enable him to keep days. The highest reading of the friends call them, appearing in the pasture are yarded at night, and most "Ma'mselle," by E. A. Mooney; and "A master of his soil. No practice will thermometer, we believe, were 113 potato patches making havoo among of their droppings are left, when they Visit to a County-House, and what comes of more fully verify the old saying, that degrees at a few points in the interior. the larvæ, etc. A gentleman living are taken to caltivate fields. Even t."by Annie T. Howells. Two beautifully illustrated poems are conone stitch in time saves nine. Dairy The damage has been considerable. near Newmarket told me that he had those that fall on the pastures are not tributed "Ali," by Mrs. Harriet Prescott. farmers especially should war against One fruit grower in Alameda County observed the beetle egg withering up; broken up and scattered, as they Spofford, illustrated by Fredericks, and "The Pastor's Reverie," by Rev. Washington any plant growth that would injure lost 150 tons of currants, the fruit " something or other the matter with should be. The rank grasses which Gladden, illustrated by Abby. There in also the quality of milk for butter and having been cooked so as to make it them." On searching I found a similar spring up, but which are not eaten by a beautiful anonymous sonnet, "A Late cheese, or lessen the growth of others wholly unfit for market. Other frait state of things in Toronto, and I the stock, are allowed to go to seed. Wild Rose." The five Editorial Departments make up, that are more desirable. The quality growers lost proportionate quantities, observed the larvæ of a Lance-fly bite and in this way gradually extent over as usual, the most interesting portion of the of milk is varied by the kind of forage In short, the currant crop, which is into three eggs. We have efficient a large portion of the ground. No Number



ingenious gentleman of Berlin, Herr Frederich Netzsch, has invented horse. The animal is made of iron. and the motive power, instead of being crop has turned out better than had plants would afford it food ; but these its own legs, is derived from the legs of the rider. The iron horse, as the Berlin papers call him, showed off his paces the other day in the garden of Hagen's Summer Theatre, in the

A Colorado Potato Beetle. presence of the leading mechanicians The following is a paper read before

by Mr. Richard Baigent :of the "Black bellied Lebia," opens up for discussion this evening the advent in the adjoining counties of an incoming friend, one of a number of as fast as a quick trotting horse. The aid in lessening the marvellous in- hope of plenty of potato food in the

knowledge and experience of other insect scourges assures us that however disheartening the ravages of the

crease of the Colorado beetle. Our forthcoming year.

Neglect of Pastures. beetle, nature simply requires time to

acre. There is no mistake about this alleged fact in the least; and I am inclined to think that if stable dung did not exist, nor any kind of comworse on old vines than young. Some mercial fertilizers, farmers could conof our scientists are of the opinion tinue their business profitably by that the rot is caused by a fungus, using clover as a green manure. Of like the mildew-the spores of which course the price of crops would be ruled by the supply: but in the end they would, probably, be as prosperfruit, where they develope their misous as they now are. Clover will flourish on poor soil, as it derives a

large portion of its nutriment from the atmosphere; and when a farmer obtains a good " catch " he is sure of a good crop, which ought not to be pastured any the first season. The second season it should be cut for hav. that is, the first erop, and the second crop of that season may be turned under in the fall with good results as a fertilizers. For plowing under sow the large variety of clover. A bushel or two of plaster to the acre early in ed there by the use of cider. When and sides shingled, with tarred paper the spring will increase the crop apples are ripe, make say three bar- between the boards and shingles. It considerably.

THE FENCE QUESTION.

down the three barrels of cider to one have a walk three feet wide running Sooner or later the farmers in the and a half, and set it convenient to the whole length, high enough from United States must adopt hedges for the copper kettle, in which place the the ground to let the fowls under, to fences, as the cost of all the fences in four bushels of apples. Pour on to the scratch and go out into the vard. Lay this country is estimated by good apples from the cider enough to a floor over the rest with the roosts on authorities to be about \$1,800,000,000, answer the purpose, and fire up. As the back part, with the shelves under or \$45 a head for each inhabitant, old the cider boils away, add more and them to catch the droppings, so or young; and it costs \$100,000,000 more, until it is all used up and the arranged as to be removed and cleaned annually to keep them in repair. contents of the kettle are brought once a week. The nests for large Recently. Major Brisbane, of the down to a proper consistency, of which hens should be a foot high, and small United States army, compiled statistics one must be judge. A little practice at the entrance, running back two

true, because it pays for the seed sown followed by a visitation of grape rot and stated that he had been set for, then cultivate and kill the root and and labor in the first crop of hay, and in July and August. It is not clear, but deceased died before he could the second crop may be plowed under, however, that excess of moisture at reach the house. He had since exwhich will fertilize the land equal to the roots is the case of the disease of amined the body, and found a wound \$15 or \$20 worth of stable dung to the the fruit; and if this were the chief upon the right temple inflicted by a cause, it is difficult to see why it is bee. This it was which caused death. that the disease should be more pre. Upon this testimony the jury returned valent of late years than formerly, and their verdict.

Hennery Building.

closely glazed in early spring. If We advise every man to build hennery, on the same principle that a are absorbed by the leaves or the roots farmer would build a barn; first for of the vine, and carry by the sap into comfort, second for convenience, and the young grass by their travel, and then add as much for elegance and style as he is willing to pay for. But

FRUIT "BUTTER."

such an expense should not be carried The sale of fruit "butter" in all to the business account, to be settled Where the sward is not much engrosslarge cities is very large. It is put out of the profits of the stock, but up in wooded pails, with close-fitting rather to the account of ornament, to destroyed as follows :- Daisies, Johnscovers, and pails and butter are sold be paid in the owner's satisfaction at wort, and others that are not top rooted. are killed at once by pulling together. The "American Grocer," fine appearances.

published in New York, says: "Fruit The plan we would adopt for a off the top and throwing a handful of butter may be made in the country poultry house is this: Build on a sait upon the root bed. The milkweed very easily and cheaply. The same southerly slope, if you can. Dig out (so called) is easily kept down by seduced by reports of the excellence purpose that sugar subserves in the for a back wall, to be cemented up; whipping and splitting the leaves late of California climate and soil

rels of eider. Then pare and core should be ten feet high in the front the farmer is better employed than in picture of this year's prospects in that four bushels of apples. Then boil and five in the rear. On the inside plucking all foul weeds before they State :-

e of inestimable value in warfare. There are one or two rather significant omissions in the description from which we quote. We are not told how a man of flesh and blood is expected o support the fatigue of moving, by rising in his stirrups, a creature iron, or if it be possible to keep going in any place less flat than

by cattle, and keep cattle off in the other carriages. It is even conceivable spring till the grass gets sufficient growth to strengthen and protect its charger of the future. An animal that in this convention we have the roots. It will then yield more feed that does not eat and cannot die would during the season following than if

cattle are turned into large pastures before there is food enough to get their fill, they rove about and cripple require thereby a restless habit of roving which lessens their thrift. ed with foul weeds, many may be Berlin, a city which, as everybody

knows, is as level as a billard board.